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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/030,461	04/11/2002	Masahiro Abukawa	5754-00007	8439

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EXAMINER

AMIRI, NAHID

ART UNIT	PAPER NUMBER
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3635

DATE MAILED: 06/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/030,461

Applicant(s)

ABUKAWA, MASAHIRO

Examiner

Nahid Amiri

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-14 and 17-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1,3-14 and 17-22 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 March 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

Claims 1, 3-11 and 14 and 17-22 are objected to because of the following informalities:

In regard to claim 1, line 17-18, recites the limitation "the inner wall" and line 21, recites the limitation "the Joint". There is insufficient antecedent basis for this limitation in the claim.

In regard to claim 3, line 3, recites the limitation "the first supporting protrusion". There is insufficient antecedent basis for this limitation in the claim. Line 3, the phrase "an angle ridge line" should be rewritten as "a ridge line" in order to be consistent with claim 1.

Claim 5, line 3, recites the limitation "the first supporting protrusion". There is insufficient antecedent basis for this limitation in the claim.

Claim 6, line 3-4, the phrase "thin walled members", rewritten as "said thin walled members".

Claims 9, 10 and 11, line 3, the phrase "thin-walled members" should be rewritten as "said thin-walled members".

Claim 13, Line 3, the "an opening cover" should be rewritten as "said opening cover".

Claim 14, line 2, the phrase "thin walled members", should be rewritten as "said thin walled members".

Claim 17, line 10, the phrase "thin walled members", should be rewritten as "said thin walled members".

Claim 18, line 11, the word "member" should be rewritten as "members".

Claim 19: line 10, the phrase "thin -walled member" should be rewritten as "of the thin walled member", line 16, the phrase "thin walled members", should be rewritten as "said thin walled members".

Claim 20, line 14, the phrase "thin walled members", should be rewritten as "said thin walled members".

Claim 21, line 15, the phrase "inner wall" should be rewritten as "inner peripheral wall".

Claim 22, line 11, the phrase "thin-walled member" should be rewritten as "thin-walled members".

Allowable Subject Matter

Claim 1 appears drawn to allowable subject matter but final determination will be made after all objections matters have been corrected.

Claims 3-14 and 17-22 stand appear drawn to allowable subject matter but final determination will be made after all objections matters have been corrected.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nahid Amiri whose telephone number is (703) 305-4241 and Fax number is 703-872-9306. The examiner can normally be reached on Monday-Friday from 8:00-

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5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Carl Friedman can be reached at (703) 308-0839.

na 

May 26, 2004


Carl D. Friedman
Supervisory Patent Examiner
Group 3600